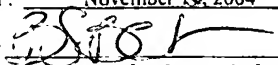




11-15-04

ifw

Filed Via Express Mail  
Rec. No.: EV479703928US  
On: November 12, 2004  
By:   
Brendy Lynn Belony

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor :Daisuke OGAWA, et al.  
Filed :February 26, 2004  
For :RAKE RECEIVER HAVING MIXR FUNCTION  
Serial Number :10/789,226

November 12, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of the non US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also attached is a copy of a European Search Report dated July 14, 2004 from the corresponding European Patent Application. All of the documents listed in Form PTO-1449 appear in the European Search Report. The European Search Report explains the relevancy of the documents listed in the Form PTO-1449.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

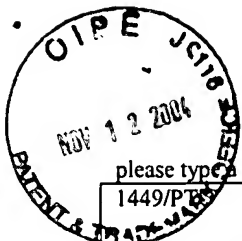
Respectfully submitted,



---

Thomas J. Bean  
Reg. No. 44,528

Customer Number: 026304  
Docket No: FUJA 21.013



please type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTR

U.S. Department of Commerce  
Patent and Trademark Office

Application No. : 10/789,226

Filing Date : February 26, 2004

First Named Inventor: D. OGAWA

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJA 21.013

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		5,917,851		JÁRVELÁ et al.	06-29-1999	
		2003/0086482		SHIMIZU et al.	05-08-2003	

**FOREIGN DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		WO 01/29982	PCT	ERICSSON INC	04-26-2001	
		WO 02/052743	PCT	ERICSSON INC	07-04-2002	
		WO 02/02996	PCT	KONINKLIJKE PHILIPS ELECTRONICS N.V.	04-11-2002	
		0 749 215	EP	SHARP KABUSHIKI KAISHA	03-03-1999	

**Other Prior Art-Non Patent Literature Documents**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		European Search Report dated July 26, 2004	
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



INVESTOR IN PEOPLE

Application No: GB0404415.2

Examiner: Owen Wheeler

Claims searched: 1-33

Date of search: 14 July 2004

## Patents Act 1977: Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular reference
X	1- 7,11,13- 16,20-30	WO 01/29982 A1 [ERICSSON1] See page 7 line 34 to page 8 line 7 and page 15 line 1 to page 16 line 28.
X	1- 7,11,13- 16,20-30	WO 2002/052743 A2 [ERICSSON2] See Figs. 7,13,14, page 14 line 15 to page 15 line 28 and page 17 line 1 to page 18 line 4.
Y	1- 7,11,13- 16,20-30	US 2003/086482 A1 [SHIMIZU] See Fig. 7.
Y	1- 7,11,13- 16,20-30	WO 2002/029996 A2 [PHILIPS] See Figs. 4 and 5 and page 10 line 3 to page 13 line 18.
Y	1- 7,11,13- 16,20-30	EP 0749215 A2 [SHARP] See Fig. 3 and page 6 lines 4-15.
Y	1- 7,11,13- 16,20-30	US 5917851 A [JARVELA] See Fig. 3 and column 4 lines 8-38.

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>W</sup> :

H4P

Worldwide search of patent documents classified in the following areas of the IPC<sup>07</sup>



INVESTOR IN PEOPLE

H04B

The following online and other databases have been used in the preparation of this search report

EPODOC, JAPIO, WPI